

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

April 8, 2005

TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor

FROM: James D. Smith, Environmental Scientist

RE: 2004 Fourth Quarter Water Monitoring, PacifiCorp, Trail Mountain Mine, C/015/0009, Task ID # 2074

The Trail Mountain Mine is currently idle. The monitoring plan is described in Appendix A of Volume 9 of the MRP.

1. Were data submitted for all required sites?

Springs	YES [X] NO []
Streams	YES [X] NO []
Wells	YES [X] NO []

Water level in TM-3 has been recovering since Trail Mountain Mine operations ceased, and a well cap and pressure gauge were installed August 2003 because water was approaching the top of the casing: "no artesian pressure" was reported in April and "dry" for May and June, but values have been reported since the 3rd quarter 2004.

UPDES	YES [X] NO []
--------------	----------------

DMRs were submitted in electronic format (Adobe). There was no discharge from either UPDES point during the fourth quarter. The mine was sealed in June 2001 and there has been no reported discharge at UPDES UT23728-002 (the mine-water discharge into Cottonwood Creek) since May 2001.

2. Were all required parameters reported for each site?

Springs	YES [X] NO []
Streams	YES [X] NO []

Wells YES ☒ NO ☐

UPDES YES ☒ NO ☐

3. Were irregularities found in the data?

Springs YES ☐ NO ☒

Streams YES ☒ NO ☐

SW-2, total hardness (n = 57) was outside two standard deviations

Wells YES ☐ NO ☒

UPDES YES ☐ NO ☒

4. On what date does the MRP require a five-year resampling of baseline water data.

Renewal submittal due 10/21/04, renewal due 02/21/05. Baseline analyses were performed in 2001 and will be repeated every 5 years, i.e., the next baseline analyses will be in 2006.

5. Based on your review, what further actions, if any, do you recommend?

There is no further action recommended at this time.

6. Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements? ☐ Yes ☒ No

7. Follow-up from last quarter, if necessary.

NA.

8. Did the Mine Operator submit all the missing or irregular data (datum)?

NA